AMENDMENT

Listing Of Claims:

The following claim listing, including the text of the claims, will serve to replace all prior versions of the claims in this application.

1. (Currently amended) A high volume, wall-mountable air sanitation apparatus for removing contaminants from air with high energy UV light and ozone, comprising:

a casing with an interior, a first side and a second side;

means for moving air located at the first side of the casing, the air moving across at least one target comprising a target compound, said target compound comprised of titanium dioxide, in combination with at least one selected from the group consisting of up to about 30% by weight copper and up to about 30% by weight silver; ~~and~~

a secondary element located at the interior of the casing at a predetermined distance from the at least one target and constructed and arranged to at least partially surround the at least one target and the secondary element for providing a conduit between the at least one target and the secondary element through which moving air can flow; and

an elongated high energy UV light source adapted to direct UV light toward the air and the at least one target and the secondary element, whereby the UV light striking the air, ~~and~~ the target and the secondary element in the presence of water will generate at least one oxidant selected from the group consisting of hydro-peroxides, super-oxide ions and hydroxyl radicals.

2. (Canceled)

3. (Previously presented) The apparatus of claim 1, wherein the target compound is up to about 30% by weight titanium dioxide, and further comprises a hydration compound of silica gel.

4. (Currently amended) The apparatus of claim 1, wherein the at least one target comprises a mesh at least partially located between the UV light source and the air.

5. (Previously presented) The apparatus of claim 1, wherein the elongated high energy UV light source emits UV light at a wavelength of approximately 185 nm to 254 nm.

6. (Currently amended) The apparatus of claim 4, wherein ~~the target further comprises a secondary element located a predetermined distance from the mesh, whereby~~ at least a portion of the UV light coming through the mesh strikes the secondary element, thereby generating an additional oxidant selected from the group consisting of hydro-peroxides, super-oxide ions and hydroxyl radicals.

7. (Previously presented) The apparatus of claim 6, wherein the secondary element comprises a secondary target compound comprised of titanium dioxide, in combination with at least one selected from the group consisting of up to about 30% by weight copper and up to about 30% by weight silver.

8. (Original) The apparatus of claim 1, wherein the means for moving air comprises a fan located in the interior of the casing.

9. (Previously presented) The apparatus of claim 1, further comprising at least a first particulate filter operatively associated with the casing for removing particulates from the air before the air is moved over the target compound.

10. (Previously presented) The apparatus of claim 8, wherein UV light may be visible from an exterior of the casing, whereby a person may observe whether the UV light source within the apparatus is operating.

11. (Previously presented) The apparatus of claim 1, wherein the UV light source comprises at least one low-pressure mercury UV light.

12. (Previously presented) The apparatus of claim 11, comprising at least one mesh target disposed to surround each low-pressure mercury UV light.

13. (Previously presented) The apparatus of claim 12, wherein each of the at least one mesh target may be affected by more than one UV light source.

14. (Canceled)

15. (Currently amended) The apparatus of claim [[14]] 1, wherein ~~the air generally flows between the mesh target and~~ the secondary ~~target~~ element is formed on an inside surface of the casing.

16. (Currently amended) The apparatus of claim [[14]] 1, wherein the secondary ~~target~~ element ~~acts as a conduit for the air~~ completely surrounds the at least one target.

17-22. (Canceled)